

03/25/2008

10-536,461.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajem1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1			Web Page for STN Seminar Schedule - N. America
NEWS	2	OCT	02	CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	3	OCT	19	BEILSTEIN updated with new compounds
NEWS	4	NOV	15	Derwent Indian patent publication number format enhanced
NEWS	5	NOV	19	WPIX enhanced with XML display format
NEWS	6	NOV	30	ICSD reloaded with enhancements
NEWS	7	DEC	04	LINPADOCDB now available on STN
NEWS	8	DEC	14	BEILSTEIN pricing structure to change
NEWS	9	DEC	17	USPATOLD added to additional database clusters
NEWS	10	DEC	17	IMSDRUGCONF removed from database clusters and STN
NEWS	11	DEC	17	DGENE now includes more than 10 million sequences
NEWS	12	DEC	17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	13	DEC	17	MEDLINE and LMEALINE updated with 2008 MeSH vocabulary
NEWS	14	DEC	17	CA/CAPLUS enhanced with new custom IPC display formats
NEWS	15	DEC	17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	16	JAN	02	STN pricing information for 2008 now available
NEWS	17	JAN	16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	18	JAN	28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	19	JAN	28	MARPAT searching enhanced
NEWS	20	JAN	28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	21	JAN	28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	22	JAN	28	MEDLINE and LMEALINE reloaded with enhancements
NEWS	23	FEB	08	STN Express, Version 8.3, now available
NEWS	24	FEB	20	PCI now available as a replacement to DPCI
NEWS	25	FEB	25	IFIREF reloaded with enhancements
NEWS	26	FEB	25	IMSPRODUCT reloaded with enhancements
NEWS	27	FEB	29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:12:28 ON 25 MAR 2008

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 09:12:55 ON 25 MAR 2008

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FILE COVERS 1907 - 25 Mar 2008 VOL 148 ISS 13

FILE LAST UPDATED: 24 Mar 2008 (20080324/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s us 20060148859/pn

L1 1 US 20060148859/PN

(US2006148859/PN)

=> sel rn

E1 THROUGH E9 ASSIGNED

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.69

2.90

FILE 'REGISTRY' ENTERED AT 09:13:38 ON 25 MAR 2008

03/25/2008

10-536,461.trn

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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 24 MAR 2008 HIGHEST RN 1009867-59-7  
DICTIONARY FILE UPDATES: 24 MAR 2008 HIGHEST RN 1009867-59-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s e1-e9

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1 34006-60-5/BI
   (34006-60-5/RN)
1 5933-08-4/BI
   (5933-08-4/RN)
1 701914-34-3/BI
   (701914-34-3/RN)
1 701914-35-4/BI
   (701914-35-4/RN)
1 701914-36-5/BI
   (701914-36-5/RN)
1 701914-37-6/BI
   (701914-37-6/RN)
1 701914-38-7/BI
   (701914-38-7/RN)
1 701914-39-8/BI
   (701914-39-8/RN)
1 74115-12-1/BI
   (74115-12-1/RN)
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        BI OR 701914-36-5/BI OR 701914-37-6/BI OR 701914-38-7/BI OR 7019
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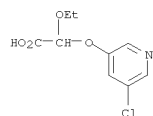
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YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

03/25/2008

10-536,461.trn

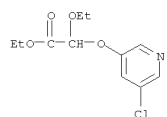
L2 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-39-8 REGISTRY  
 ED Entered STN: 01 Jul 2004  
 CN Acetic acid, [(5-chloro-3-pyridinyl)oxy]ethoxy- (9CI) (CA INDEX NAME)  
 MF C9 H10 Cl N O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

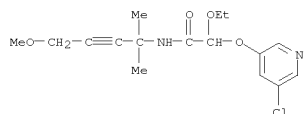
L2 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-38-7 REGISTRY  
 ED Entered STN: 01 Jul 2004  
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 MF C11 H14 Cl N O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

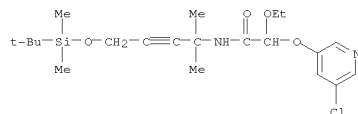
L2 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-37-6 REGISTRY  
 ED Entered STN: 01 Jul 2004  
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 MF C16 H21 Cl N2 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-36-5 REGISTRY  
 ED Entered STN: 01 Jul 2004  
 CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-[4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-1,1-dimethyl-2-butynyl]-2-ethoxy- (9CI) (CA INDEX NAME)  
 MF C21 H33 Cl N2 O4 Si  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



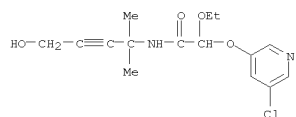
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

03/25/2008

10-536,461.trn

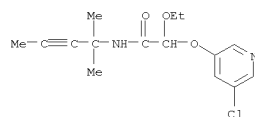
L2 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-35-4 REGISTRY  
 ED Entered STN: 01 Jul 2004  
 CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)  
 MF C15 H19 Cl N2 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

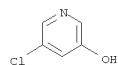
L2 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 701914-34-3 REGISTRY  
 ED Entered STN: 01 Jul 2004  
 CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-ethoxy- (9CI) (CA INDEX NAME)  
 MF C15 H19 Cl N2 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

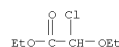
L2 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 74115-12-1 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 3-Pyridinol, 5-chloro- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 3-Chloro-5-hydroxypyridine  
 CN 3-Chloropyridin-5-ol  
 CN 3-Hydroxy-5-chloropyridine  
 CN 5-Chloro-3-hydroxypyridine  
 CN 5-Chloro-3-pyridinol  
 MF C5 H4 Cl N O  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, MSDS-OHS, TOXCENTER, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

130 REFERENCES IN FILE CA (1907 TO DATE)  
 130 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 34006-60-5 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Acetic acid, 2-chloro-2-ethoxy-, ethyl ester (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Acetic acid, chloroethoxy-, ethyl ester (6CI, 7CI, 8CI, 9CI)  
 OTHER NAMES:  
 CN 2-Chloro-2-ethoxyacetic acid ethyl ester  
 CN Ethyl 2-chloro-2-ethoxyacetate  
 MF C6 H11 Cl O3  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



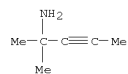
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 30 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

03/25/2008

10-536,461.trn

L2 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 5933-08-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 3-Pentyn-2-amine, 2-methyl-, hydrochloride (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Butynylamine, 1,1-dimethyl-, hydrochloride (7CI, 8CI)  
OTHER NAMES:  
CN 1-Amino-1,1-dimethyl-2-butyne hydrochloride  
CN 4-Amino-4-methylpent-2-yne hydrochloride  
MF C6 H11 N . Cl H  
LC STN Files: CA, CAOLD, CAPLUS, CASREACT, USPAT2, USPATFULL  
CRN (31914-32-6)



● HCl

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

03/25/2008

10-536,461.trn

=>

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajem1625

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 09:28:15 ON 25 MAR 2008

FILE 'REGISTRY' ENTERED AT 09:28:15 ON 25 MAR 2008

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COST IN U.S. DOLLARS

SINCE FILE TOTAL

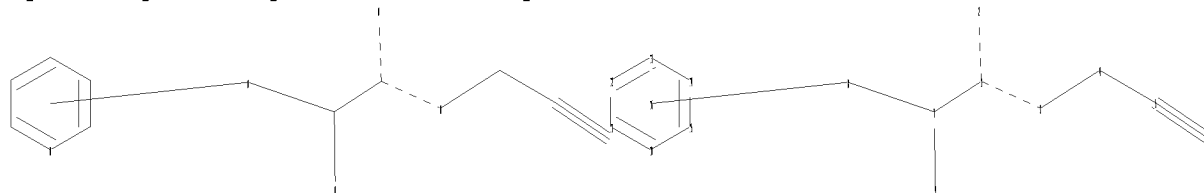
ENTRY SESSION

FULL ESTIMATED COST

19.38 22.28

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Uploading C:\Program Files\Stnexp\Queries\10-536,461.str



chain nodes :

1 2 3 4 5 6 7 8 9

ring nodes :

10 11 12 13 14 15

chain bonds :

1-2 1-3 1-7 3-4 4-5 5-6 7-8 7-9

ring bonds :

10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-3 3-4 7-8 7-9

exact bonds :

1-7 4-5 5-6

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

03/25/2008

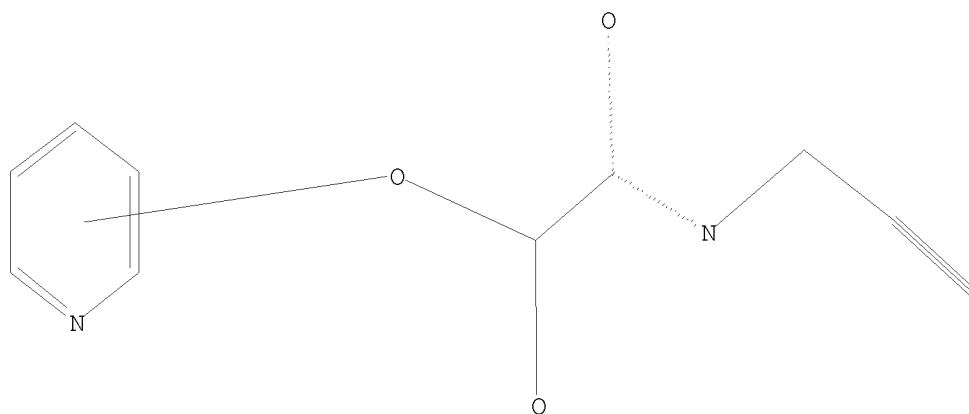
10-536,461.trn

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13 sss sam

SAMPLE SEARCH INITIATED 09:29:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 286 TO 954

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s 13 sss full

FULL SEARCH INITIATED 09:29:14 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 818 TO ITERATE

100.0% PROCESSED 818 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L5 4 SEA SSS FUL L3

=> FIL CAPLUS



03/25/2008

10-536,461.trn

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	198.20	201.10

FILE 'CAPLUS' ENTERED AT 09:29:24 ON 25 MAR 2008  
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FILE COVERS 1907 - 25 Mar 2008 VOL 148 ISS 13  
FILE LAST UPDATED: 24 Mar 2008 (20080324/ED)

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<http://www.cas.org/infopolicy.html>

=> s 15  
L6

1 L5

=> d ibib abs hitstr 1-  
YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

03/25/2008

10-536,461.trn

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:467864 CAPLUS

DOCUMENT NUMBER: 141:38533

TITLE: Preparation of substituted pyridyloxyalkylamides as fungicides

INVENTOR(S): Crowley, Patrick Jelf

PATENT ASSIGNEE(S): Syngenta Limited, UK

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

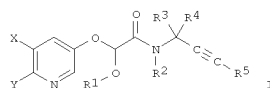
DOCUMENT TYPE: Patent

LANGUAGE: English

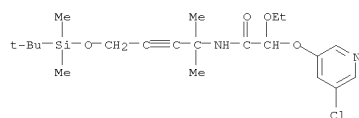
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004048337	A1	20040610	WO 2003-GB4547	20031023
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HT, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2502156	A1	20040610	CA 2003-2502156	20031023
AU 2003274351	A1	20040618	AU 2003-274351	20031023
EP 1567499	A1	20050831	EP 2003-758336	20031023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016529	A	20051004	BR 2003-16529	20031023
CN 1714080	A	20051228	CN 2003-80103625	20031023
JP 2006515285	T	20060525	JP 2004-554635	20031023
MX 2005PA05452	A	20050826	MX 2005-PA5452	20050520
US 2006148859	A1	20060706	US 2005-536461	20050525
PRIORITY APPLN. INFO.:			GB 2002-27554	A 20021126
			WO 2003-GB4547	W 20031023

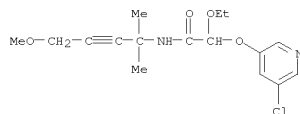
OTHER SOURCE(S): MARPAT 141:38533  
GI

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 701914-37-6 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-methoxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The title compds. [I; X, Y = halo, alkyl, haloalkyl, etc.; R1 = alkyl; R2 = H, alkyl, alkoxyethyl, benzyloxyethyl in which the Ph ring is optionally substituted with alkoxy; R3, R4 = H, alkyl, alkenyl, alkynyl; CR3R4 = (un)substituted 3-4 membered carbocyclic ring optionally containing

one O, S or N atom; R5 = H, (un)substituted alkyl, cycloalkyl, Ph, CH2Ph; with provisos], were prepared E.g., a 3-step synthesis of I [X = Cl; Y = H;

R1 = Et; R2 = H; R3-R5 = Me], starting from 5-chloropyridin-3-ol and Et 2-chloro-2-ethoxyacetate, was given. The latter showed greater than 60% control of Plasmopara viticola Phytophthora infestans, and Erysiphe graminis f.sp. hordei.

IT 701914-34-3P 701914-35-4P 701914-36-5P

701914-37-6P

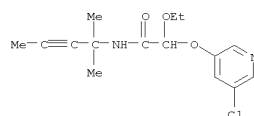
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES

(Uses)  
(preparation of substituted pyridyloxyalkylamides as fungicides)

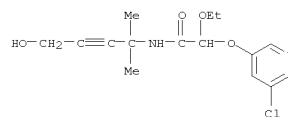
RN 701914-34-3 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-ethoxy- (9CI) (CA INDEX NAME)



RN 701914-35-4 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



RN 701914-36-5 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-[4-[(1,1-dimethylethyl)dimethylsilyl]oxy]-1,1-dimethyl-2-butynyl]-2-ethoxy- (9CI) (CA INDEX NAME)

03/25/2008

10-536,461.trn

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.33

209.43

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.80

-0.80

FILE 'REGISTRY' ENTERED AT 09:32:47 ON 25 MAR 2008

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STRUCTURE FILE UPDATES: 24 MAR 2008 HIGHEST RN 1009867-59-7

DICTIONARY FILE UPDATES: 24 MAR 2008 HIGHEST RN 1009867-59-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

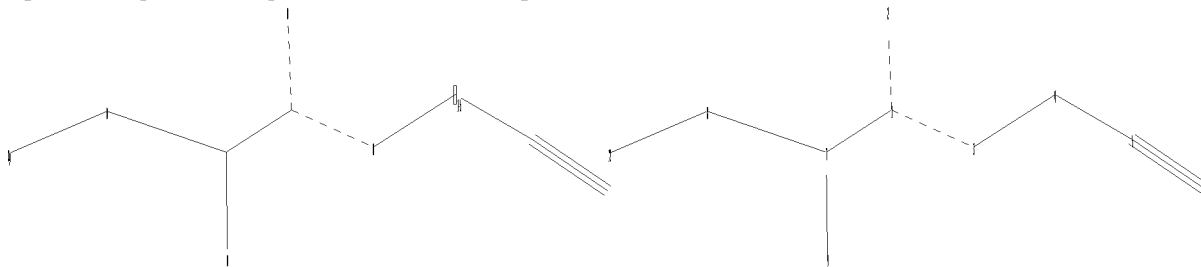
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10-536,461a.str



chain nodes :

1 2 3 4 5 6 7 8 9 12

chain bonds :

1-2 1-3 1-7 3-4 4-5 5-6 7-8 7-9 8-12

03/25/2008

10-536,461.trn

exact/norm bonds :

1-2 1-3 3-4 7-8 7-9 8-12

exact bonds :

1-7 4-5 5-6

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

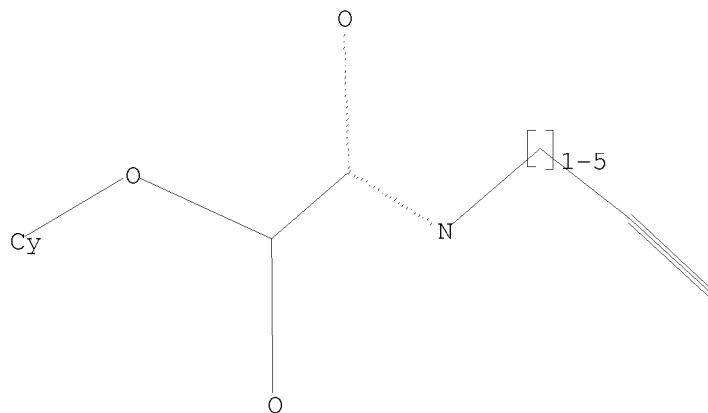
12:Atom

L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 17 sss sam

SAMPLE SEARCH INITIATED 09:33:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 285 TO ITERATE

100.0% PROCESSED 285 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 4688 TO 6712

PROJECTED ANSWERS: 1 TO 80

L8 1 SEA SSS SAM L7

03/25/2008

10-536,461.trn

=> s 17 sss full  
FULL SEARCH INITIATED 09:33:29 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5612 TO ITERATE

100.0% PROCESSED 5612 ITERATIONS 15 ANSWERS  
SEARCH TIME: 00.00.01

L9 15 SEA SSS FUL L7

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.36	387.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

FILE 'CAPLUS' ENTERED AT 09:33:37 ON 25 MAR 2008  
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FILE COVERS 1907 - 25 Mar 2008 VOL 148 ISS 13  
FILE LAST UPDATED: 24 Mar 2008 (20080324/ED)

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<http://www.cas.org/infopolicy.html>

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L10 5 L9

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03/25/2008

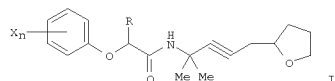
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L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2007:673983 CAPLUS  
DOCUMENT NUMBER: 147:95529  
TITLE: Preparation of phenoxyalkanoic acid amides and herbicides containing them  
INVENTOR(S): Kido, Yasuhiro; Okita, Hiroyuki; Funamizu, Tatsuya; Iwasaki, Katsuhiko; Nakano, Hiroko; Kondo, Satoru; Kawaguchi, Takashi  
PATENT ASSIGNEE(S): Hokko Chemical Industry Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 22pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007153847	A	20070621	JP 2005-354204	20051208

PRIORITY APPLN. INFO.: JP 2005-354204 20051208

OTHER SOURCE(S): MARPAT 147:95529  
GI

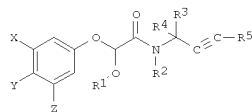


AB Title compds. I [X = halo, C1-6 alkyl; R = H, C1-6 alkyl(oxy), C1-6 alkoxy-C1-6 alkyl; n = 0-5] are prepared. Thus, 3,5-dichlorophenol was etherified with Et 2-bromo-3-methoxypropionate, treated with oxalyl chloride, and amidated with 1-(tetrahydrofuran-2-yl)-4-amino-4-methyl-2-pentyne to give I (Xn = 3,5-Cl2, R = CH2OMe), which at 30 g/10 showed 100% herbicidal activity against Monochoria, Lindernia, etc., without harming rice.  
IT 942155-88-6P  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of phenoxyalkanoic acid amides as broad-spectrum herbicides)  
RN 942155-88-6 CAPLUS  
CN Acetamide, 2-(3,5-dimethylphenoxy)-N-[1,1-dimethyl-4-(tetrahydro-2-furanyl)-2-butyn-1-yl]-2-methoxy- (CA INDEX NAME)

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:513446 CAPLUS  
DOCUMENT NUMBER: 141:49003  
TITLE: Preparation of (phenoxy)alkynylacetamide derivative fungicides  
INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger  
PATENT ASSIGNEE(S): Syngenta Limited, UK  
SOURCE: PCT Int. Appl., 60 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

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WO 2004052100	A1	20040624	WO 2003-GB4612	20031027
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RW: GB, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2502179	A1	20040624	CA 2003-2502179	20031027
AU 2003274380	A1	20040630	AU 2003-274380	20031027
EP 1567006	A1	20050831	EP 2003-758365	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016648	A	20051011	BR 2003-16648	20031027
CN 1713816	A	20051228	CN 2003-80103682	20031027
JP 2006515583	T	20060601	JP 2004-558194	20031027
MX 2005PA05450	A	20050826	MX 2005-PA5450	20050520
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PRIORITY APPLN. INFO.:			GB 2002-27557	A 20021126
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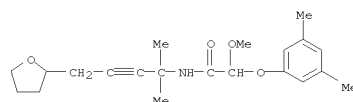
OTHER SOURCE(S): MARPAT 141:49003  
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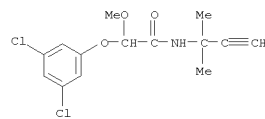
AB The (phenoxy)alkynylacetamide derivs. I [X,Y,Z = H, halo, (halo)alkyl,

Page 14

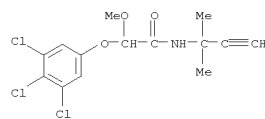
L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



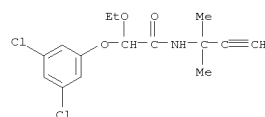
L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
(halo)alkenyl, (halo)alkynyl, (halo)alkoxy, etc.; R1 =alkyl; R2 = H, alkyl  
or (alkoxy)benzyloxymethyl; R3,R4 = H, alkyl, alkenyl or alkynyl; R3CR4 = carbocyclyl or heterocyclyl; R5 = (un)substituted Ph, thienyl or benzyl] are prepd. as fungicides.  
IT 65807-96-7P 65808-01-7P 65808-02-8P  
706790-26-3P 706790-30-9P 706790-31-0P  
706790-32-1P 706790-33-2P 706790-34-3P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation as fungicide)  
RN 65807-96-7 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy- (9CI) (CA INDEX NAME)



RN 65808-01-7 CAPLUS  
CN Acetamide, N-(1,1-dimethyl-2-propynyl)-2-methoxy-2-(3,4,5-trichlorophenoxy)- (9CI) (CA INDEX NAME)



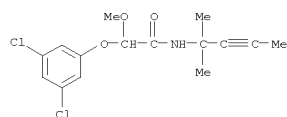
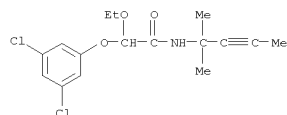
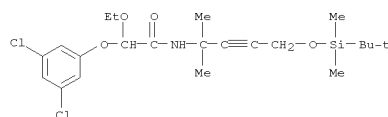
RN 65808-02-8 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-ethoxy- (9CI) (CA INDEX NAME)



RN 706790-26-3 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-methoxy-

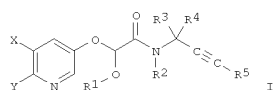
03/25/2008

10-536,461.trn

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
(9CI) (CA INDEX NAME)RN 706790-30-9 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-ethoxy-  
(9CI) (CA INDEX NAME)RN 706790-31-0 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-[4-[[[(1,1-dimethylethyl)dimethylsilyloxy]-1,1-dimethyl-2-butynyl]-2-ethoxy]-  
(CA INDEX NAME)RN 706790-32-1 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-2-ethoxy-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)

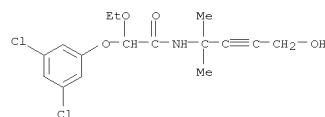
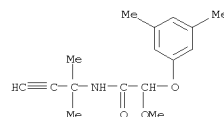
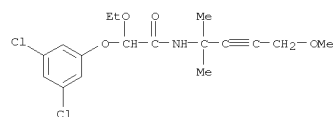
L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:467864 CAPLUS  
 DOCUMENT NUMBER: 141:38533  
 TITLE: Preparation of substituted pyridyloxyalkylamides as fungicides  
 INVENTOR(S): Crowley, Patrick Jelf  
 PATENT ASSIGNEE(S): Syngenta Limited, UK  
 SOURCE: PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004048337	A1	20040610	WO 2003-GB4547	20031023
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GB, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AU 2003274351	A1	20040618	AU 2003-274351	20031023
EP 1567499	A1	20050831	EP 2003-758336	20031023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
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CN 1714080	A	20051228	CN 2003-80103625	20031023
JP 2006515285	T	20060525	JP 2004-554635	20031023
MX 2005PA05452	A	20050826	MX 2005-PA5452	20050520
US 2006148859	A1	20060706	US 2005-536461	20050525
PRIORITY APPLN. INFO.:			GB 2002-27554	A 20021126
			WO 2003-GB4547	W 20031023

OTHER SOURCE(S): MARPAT 141:38533  
GI

AB The title compds. [I; X, Y = halo, alkyl, haloalkyl, etc.; R1 = alkyl; R2 = H, alkyl, alkoxyethyl, benzyloxymethyl in which the Ph ring is optionally substituted with alkoxy; R3, R4 = H, alkyl, alkenyl, alkynyl;

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 706790-33-2 CAPLUS  
CN Acetamide, 2-(3,5-dimethylphenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy-  
(9CI) (CA INDEX NAME)RN 706790-34-3 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-2-ethoxy-N-(4-methoxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
CR3R4 = (un)substituted 3-4 membered carbocyclic ring optionally contg. one O, S or N atom; R5 = H, (un)substituted alkyl, cycloalkyl, Ph, CH2Ph; with provisos], were prepd. E.g., a 3-step synthesis of I [X = Cl; Y =

H;

R1 = Et; R2 = H; R3-R5 = Me], starting from 5-chloropyridin-3-ol and Et 2-chloro-2-ethoxyacetate, was given. The latter showed greater than 60% control of Plasmopara viticola Phytophthora infestans, and Erysiphe graminis f.sp hordei.

IT 701914-34-3P 701914-35-4P 701914-36-5P

701914-37-6P

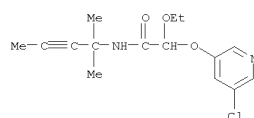
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES

(Uses)  
(preparation of substituted pyridyloxyalkylamides as fungicides)

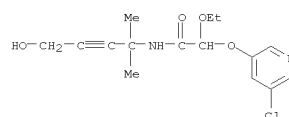
RN 701914-34-3 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-ethoxy- (9CI) (CA INDEX NAME)



RN 701914-35-4 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



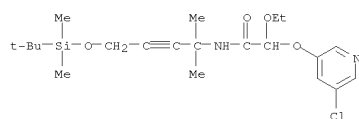
RN 701914-36-5 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-[4-[[[(1,1-dimethylethyl)dimethylsilyloxy]-1,1-dimethyl-2-butynyl]-2-ethoxy]- (9CI) (CA INDEX NAME)

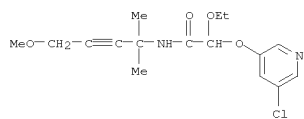
03/25/2008

10-536,461.trn

L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 701914-37-6 CAPLUS  
 CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-methoxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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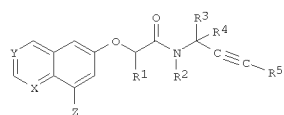
L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:467671 CAPLUS  
 DOCUMENT NUMBER: 141:2846  
 TITLE: Preparation of quinoline-, isoquinoline-, and  
 quinoxalinoxyalkylamides as fungicides  
 INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger  
 PATENT ASSIGNEE(S): Syngenta Limited, UK  
 SOURCE: PCT Int. Appl., 73 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

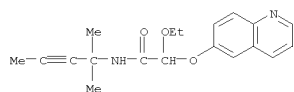
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WO 2004047538	A1	20040610	WO 2003-GB4631	20031027
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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AU 2003276400	A1	20040618	AU 2003-276400	20031027
EP 1567010	A1	20050831	EP 2003-811792	20031027
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BR 2003016496	A	20051011	BR 2003-16496	20031027
CN 1717175	A	20060104	CN 2003-80104073	20031027
JP 2006507339	T	20060302	JP 2004-554637	20031027
AT 376357	T	20071115	AT 2003-811792	20031027
ZA 2005002930	A	20060222	ZA 2005-2930	20050411
MX 2005PA05453	A	20050826	MX 2005-PA5453	20050520
US 2006019973	A1	20060126	US 2005-536475	20050525
US 7122672	B2	20061017		
US 2007072884	A1	20070329	US 2006-539341	20061006
PRIORITY APPLN. INFO.:			GB 2002-27555	A 20021126
			WO 2003-GB4631	W 20031027
			US 2005-536475	A1 20050525

OTHER SOURCE(S): MARPAT 141:2846  
 GI

L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



AB The title compds. I [one of X and Y is N or N oxide and the other is CR  
 or both of X and Y are N; Z = H, halo, (halo)alkyl, etc.; R1 =  
 (un)substituted alkyl, alkenyl, alkynyl, etc.; R2 = H, alkyl,  
 alkoxymethyl  
 or (phenyl)benzyloxymethyl; R3,R4 = H alkyl, alkenyl or alkynyl; R3R4 =  
 (un)substituted carbocyclyl, optionally containing O, S or N  
 heteroatoms; R5 =  
 H, (un)substituted (cyclo)alkyl, etc.] are prepared as fungicides.  
 IT 696610-37-4P  
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological  
 study); PREP (Preparation); USES (Uses)  
 (preparation as fungicide)  
 RN 696610-37-4 CAPLUS  
 CN Acetamide, N-(1,1-dimethyl-2-butynyl)-2-ethoxy-2-(6-quinolinyl)oxy)- (9CI)  
 (CA INDEX NAME)



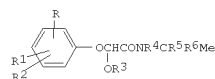
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

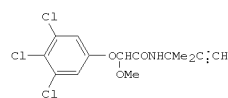
ACCESSION NUMBER: 1978:104949 CAPLUS  
 DOCUMENT NUMBER: 88:104949  
 ORIGINAL REFERENCE NO.: 88:16449a,16452a  
 TITLE: Substituted-N-(1,1-disubstituted ethyl)-α-  
 (substituted phenoxy)-α-alkoxyacetamides and  
 their use as miticides  
 INVENTOR(S): Baker, Don R.; Walker, Francis H.  
 PATENT ASSIGNEE(S): Stauffer Chemical Co., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4062977	A	19771213	US 1976-705504	19760715
PRIORITY APPLN. INFO.:			US 1975-591729	A1 19750630

GI



I



II

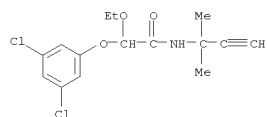
AB I (R = Cl, F, or CF3; R1 and R2 are H, Cl, or Me; R3 = Me or Et; R4 and  
 R5 are H or Me and R6 = Me or HC.tplbond.C) were prepared and tested as  
 miticides. Thus, 3,4,5-Cl3C6H2OH and NaH were treated with MeOCHBrCO2Me,  
 the product saponified, converted into the Na salt, and treated with  
 ClCOCCl, and the acid chloride treated with H2NCMe2C.tplbond.CH to give  
 II.  
 IT 65808-02-8  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (miticidal activity of)  
 RN 65808-02-8 CAPLUS  
 CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-ethoxy-  
 (9CI) (CA INDEX NAME)



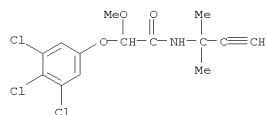
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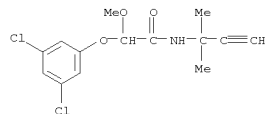
L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



IT 65808-01-7P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and miticidal activity of)  
RN 65808-01-7 CAPLUS  
CN Acetamide, N-(1,1-dimethyl-2-propynyl)-2-methoxy-2-(3,4,5-trichlorophenoxy)- (9CI) (CA INDEX NAME)



IT 65807-96-7P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 65807-96-7 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy- (9CI) (CA INDEX NAME)



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=>

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NEWS	3	OCT	19	BEILSTEIN updated with new compounds
NEWS	4	NOV	15	Derwent Indian patent publication number format enhanced
NEWS	5	NOV	19	WPIX enhanced with XML display format
NEWS	6	NOV	30	ICSD reloaded with enhancements
NEWS	7	DEC	04	LINPADOCDB now available on STN
NEWS	8	DEC	14	BEILSTEIN pricing structure to change
NEWS	9	DEC	17	USPATOLD added to additional database clusters
NEWS	10	DEC	17	IMSDRUGCONF removed from database clusters and STN
NEWS	11	DEC	17	DGENE now includes more than 10 million sequences
NEWS	12	DEC	17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	13	DEC	17	MEDLINE and LMEALINE updated with 2008 MeSH vocabulary
NEWS	14	DEC	17	CA/CAPLUS enhanced with new custom IPC display formats
NEWS	15	DEC	17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	16	JAN	02	STN pricing information for 2008 now available
NEWS	17	JAN	16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	18	JAN	28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	19	JAN	28	MARPAT searching enhanced
NEWS	20	JAN	28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	21	JAN	28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	22	JAN	28	MEDLINE and LMEALINE reloaded with enhancements
NEWS	23	FEB	08	STN Express, Version 8.3, now available
NEWS	24	FEB	20	PCI now available as a replacement to DPCI
NEWS	25	FEB	25	IFIREF reloaded with enhancements
NEWS	26	FEB	25	IMSPRODUCT reloaded with enhancements
NEWS	27	FEB	29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

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DICTIONARY FILE UPDATES: 24 MAR 2008 HIGHEST RN 1009867-59-7

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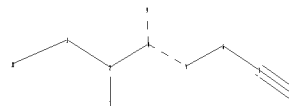
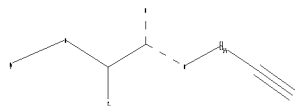
<http://www.cas.org/support/stngen/stndoc/properties.html>

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10-536,461.trn



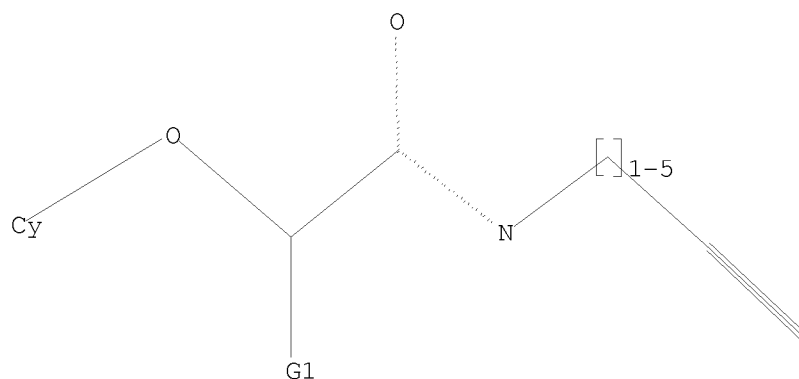
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exact/norm bonds :  
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exact bonds :  
2-4  6-7  7-8
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G1:O,S

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Match level :  
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11:Atom
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L1        STRUCTURE UPLOADED

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=> d 11  
L1 HAS NO ANSWERS  
L1                STR
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G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1 sss sam

SAMPLE SEARCH INITIATED 15:51:13 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 76 TO ITERATE

100.0% PROCESSED 76 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 997 TO 2043

PROJECTED ANSWERS: 6 TO 265

L2 6 SEA SSS SAM L1

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FULL SEARCH INITIATED 15:51:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1343 TO ITERATE

100.0% PROCESSED 1343 ITERATIONS

94 ANSWERS

SEARCH TIME: 00.00.01

L3 94 SEA SSS FUL L1

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SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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FILE LAST UPDATED: 24 Mar 2008 (20080324/ED)

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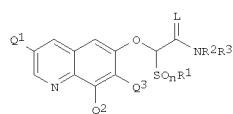
10-536,461.trn

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2008:317544 CAPLUS  
 TITLE: Preparation of quinoline derivatives as fungicides  
 INVENTOR(S): Murphy Kessabi, Fiona; Beaudegnies, Renaud; Quaranta, Laura; Brunner, Hans-Georg; Cederbaum, Fredrik  
 PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.  
 SOURCE: PCT Int. Appl., 75pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008028624	A1	20080313	WO 2007-EP7700	20070904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: GB 2006-17574 A 20060906

GI



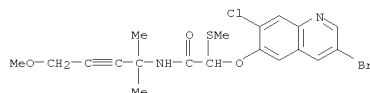
I

AB The quinoline derivs. I [Q1, Q2 = H, halo, cyano, nitro, etc.; Q3 = halo, nitro, cyano, azido, (un)substituted (cyclo)alkyl, etc.; R1 = halo, un(substituted) (cyclo)alkyl, alkenyl or alkynyl; R2 = H, (cyclo)alkyl, alkenyl, cyano, etc.; R3 = (CRaCb)p, (CRcRd)q, etc.; Ra, Rb, Rc, Rd = H, halo, alkyl, etc.; L = O or S; n = 0, 1 or 2; p = 0 or 1; q = 0, 1 or 2] are prepared as fungicides.

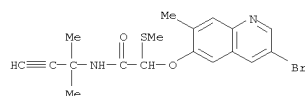
IT 1009813-04-0 1009813-05-1  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicide)

RN 1009813-04-0 CAPLUS

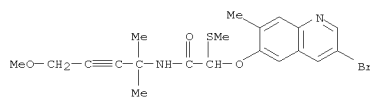
L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



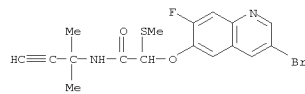
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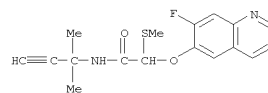


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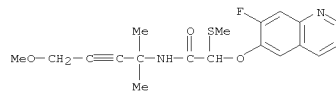


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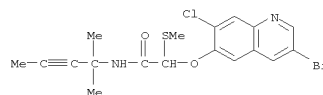
L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
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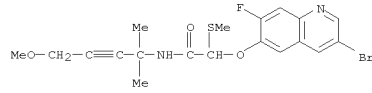


IT 1009812-07-0P 1009812-11-6P 1009812-36-5P  
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 1009812-73-0P 1009812-78-5P 1009812-80-9P  
 1009812-88-7P 1009812-91-2P 1009812-92-3P  
 1009812-97-8P  
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation as fungicide)  
 RN 1009812-07-0 CAPLUS  
 CN INDEX NAME NOT YET ASSIGNED

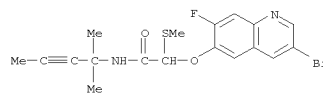


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 CN INDEX NAME NOT YET ASSIGNED

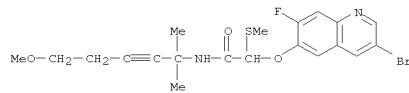
L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



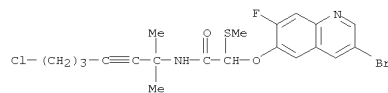
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 CN INDEX NAME NOT YET ASSIGNED



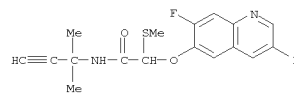
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RN 1009812-80-9 CAPLUS  
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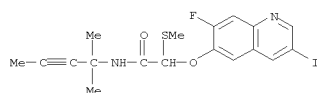
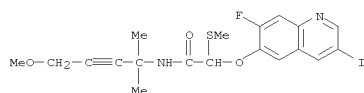
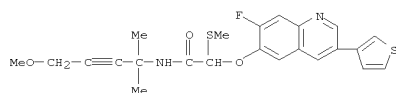
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RN 1009812-91-2 CAPLUS

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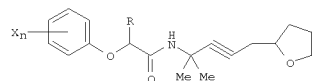
10-536,461.trn

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
CN INDEX NAME NOT YET ASSIGNEDRN 1009812-92-3 CAPLUS  
CN INDEX NAME NOT YET ASSIGNEDRN 1009812-97-8 CAPLUS  
CN INDEX NAME NOT YET ASSIGNEDL4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2007:673983 CAPLUS  
DOCUMENT NUMBER: 147:95529  
TITLE: Preparation of phenoxyalkanoic acid amides and herbicides containing them  
INVENTOR(S): Kido, Yasuhiro; Okita, Hiroyuki; Funamizu, Tatsuya; Iwasaki, Katsuhiko; Nakano, Hiroko; Kondo, Satoru; Kawaguchi, Takashi  
PATENT ASSIGNEE(S): Hokko Chemical Industry Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 22pp.  
CODEN: JKKXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007153847	A	20070621	JP 2005-354204	20051208

PRIORITY APPLN. INFO.: JP 2005-354204 20051208

OTHER SOURCE(S): MARPAT 147:95529  
GI

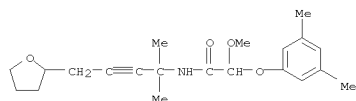


AB Title compds. I [X = halo, C1-6 alkyl; R = H, C1-6 alkyl(oxy), C1-6 alkoxy-C1-6 alkyl; n = 0-5] are prepared. Thus, 3,5-dichlorophenol was etherified with Et 2-bromo-3-methoxypropionate, treated with oxalyl chloride, and amidated with 1-(tetrahydrofuran-2-yl)-4-amino-4-methyl-2-pentyne to give I (Xn = 3,5-Cl2, R = CH2OMe), which at 30 g/10 showed 100% herbicidal activity against Monochoria, Lindernia, etc., without harming rice.

IT 942155-88-6P  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of phenoxyalkanoic acid amides as broad-spectrum herbicides)

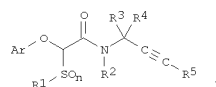
RN 942155-88-6 CAPLUS  
CN Acetamide, 2-(3,5-dimethylphenoxy)-N-[1,1-dimethyl-4-(tetrahydro-2-furanyl)-2-butyn-1-yl]-2-methoxy- (CA INDEX NAME)

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2006:543045 CAPLUS  
DOCUMENT NUMBER: 145:45805  
TITLE: Preparation of 1-alkynyl-2-aryloxyalkanamides as fungicides  
INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger; Chrystal, Ewan James Turner; Sageot, Olivia Anabelle; Quaranta, Laura; Brunner, Hans-Georg; Beaudegnies, Renaud; Cederbaum, Fredrik; Murphy Kessabi, Fiona  
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.; Syngenta Ltd.  
SOURCE: PCT Int. Appl., 56 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006058699	A1	20060608	WO 2005-EP12734	20051129
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HD, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2005311491	A1	20060608	AU 2005-311491	20051129
CA 2583335	A1	20060608	CA 2005-258335	20051129
EP 1819689	A1	20070822	EP 2005-810902	20051129
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 101065372	A	20071031	CN 2005-80040064	20051129
IN 2007DN02825	A	20070803	IN 2007-DN2825	20070416
MX 200705932	A	20070620	MX 2007-5932	20070517
KR 2007085656	A	20070827	KR 2007-712454	20070601
PRIORITY APPLN. INFO.:			GB 2004-26372	A 20041201
			WO 2005-EP12734	W 20051129

OTHER SOURCE(S): CASREACT 145:45805; MARPAT 145:45805  
GI





03/25/2008

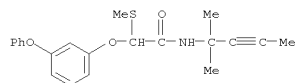
10-536,461.trn

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The title compds. I [Ar = substituted Ph, bicyclic (hetero)aryl; R1 = alkyl, haloalkyl, cycloalkyl; R2 = H, alkyl, alkoxyethyl, benzyloxyethyl; R3, R4 = H, alkyl, alkenyl, etc.; R5 = alkyl, cycloalkyl, cycloalkylalkyl, etc.; n = 0-2], useful as fungicides, were prepared E.g., a multi-step synthesis of 2-(dibenzofuran-2-yl)-2-methylthio-N-(2-methylpent-3-yn-2-yl)acetamide (II), starting from Et 2-methylthioacetate, was given. II gave at least 60% control of *Erisiphe graminis* f.sp. tritici, *Pyricularia oryzae*, *Botrytis cinerea*, etc., at 200 ppm.

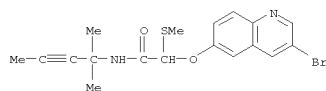
IT 808756-07-2P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 1-alkynyl-2-aryloxyalkanamides as fungicides)

RN 808756-07-2 CAPLUS  
 CN Acetamide, N-(1,1-dimethyl-2-butynyl)-2-(methylthio)-2-(3-phenoxyphenoxy)- (9CI) (CA INDEX NAME)



IT 808755-49-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of 1-alkynyl-2-aryloxyalkanamides as fungicides)

RN 808755-49-9 CAPLUS  
 CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

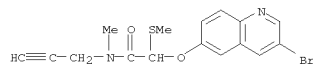
FORMAT

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

2-bromo-2-methylthioacetate (prepn. given), and K2CO3 were heated together in DMF at 80° for 1 h to give Et 2-(5-chloropyrid-3-yloxy)-2-methylthioacetate. The latter was saponified with NaOH in THF/H2O and the resulting acid was condensed with tert-butylamine to give 2-(5-chloropyridyl-3-yloxy)-2-methylthio-N-(2-methylprop-2-yl)acetamide. Numerous title compds. at 200 ppm gave ≥60% control of *Plasmopara viticola* on grapevine leaf disks.

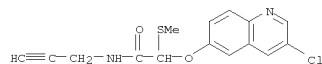
IT 889661-88-5  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (preparation of (hetero)aryloxyacetamides as agrochem. fungicides)

RN 889661-88-5 CAPLUS  
 CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-methyl-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)

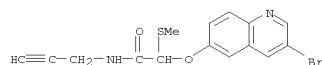


IT 889661-13-6P 889661-40-9P 889661-52-3P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of (hetero)aryloxyacetamides as agrochem. fungicides)

RN 889661-13-6 CAPLUS  
 CN Acetamide, 2-[(3-chloro-6-quinolinyl)oxy]-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 889661-40-9 CAPLUS  
 CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 889661-52-3 CAPLUS  
 CN Acetamide, 2-(2-dibenzofuranyloxy)-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN

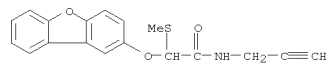
ACCESSION NUMBER: 2006:542801 CAPLUS  
 DOCUMENT NUMBER: 145:27874  
 TITLE: Preparation of (hetero)aryloxyacetamides as agrochemical fungicides.  
 INVENTOR(S): Salmon, Roger; Bacon, David Philip; Chrystal, Ewan James Turner; Langton, David William; Knee, Andrew Jonathan; Munns, Gordon Richard; Quaranta, Laura; Brunner, Hans-Georg; Beaudagnies, Renaud; Cederbaum, Fredrik; Murphy Kessabi, Fiona  
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.; Syngenta Ltd.  
 SOURCE: PCT Int. Appl., 119 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006058700	A1	20060608	WO 2005-EP12735	20051129
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005311492	A1	20060608	AU 2005-311492	20051129
CA 2583022	A1	20060608	CA 2005-2583022	20051129
EP 1817309	A1	20070815	EP 2005-825998	20051129
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
IN 2007DN02826	A	20070803	IN 2007-DN2826	20070416
MX 200705933	A	20070620	MX 2007-5933	20070517
CN 101115748	A	20080130	CN 2005-80040077	20070523
KR 2007085680	A	20070827	KR 2007-712502	20070601
PRIORITY APPLN. INFO.:			GB 2004-26373	A 20041201
			WO 2005-EP12735	W 20051129

OTHER SOURCE(S): MARPAT 145:27874

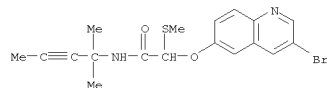
AB ArOCH(SO<sub>n</sub>R1)C(:L)NR2R3 [Ar = (substituted) (hetero)aryl, (hetero)cyclyl; R1 = alkyl, haloalkyl, cycloalkyl; R2 = H, alkyl, cycloalkyl, alkenyl, cyanoalkyl, alkoxyalkyl, alkoxyalkoxyalkyl, (substituted) benzyloxyalkyl; R3 = (CRA<sub>n</sub>B<sub>p</sub>)p(CR<sub>n</sub>Rd)qXr(CR<sub>n</sub>Rf)sR4; Ra-Rf = H, alkyl, halo, cyano, OH, alkoxy, alkoxy carbonyl; X = CO, CO2, O, S, SO, SO2, imino; L = O, S; p, x, s = 0, 1; n, q = 0-2], were prepared Thus, 5-chloro-3-hydroxypyridine, Et

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



IT 808755-49-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of (hetero)aryloxyacetamides as agrochem. fungicides)

RN 808755-49-9 CAPLUS  
 CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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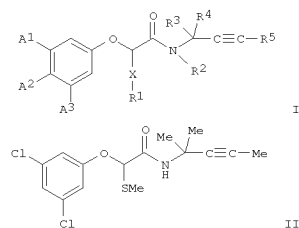
10-536,461.trn

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:1074186 CAPLUS  
DOCUMENT NUMBER: 142:55899  
TITLE: A preparation of [(hetero)aryloxy]acetic acid  
N-alkynyl-amide derivatives, useful as agrochemical  
fungicides  
INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger; Sageot, Olivia  
Anabelle; Bacon, David Philip; Langford, David  
William  
PATENT ASSIGNEE(S): Syngenta Limited, UK  
SOURCE: PCT Int. Appl., 131 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004108663	A1	20041216	WO 2004-GB2294	20040528
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004245282	A1	20041216	AU 2004-245282	20040528
CA 2527313	A1	20041216	CA 2004-2527313	20040528
EP 1638928	A1	20060329	EP 2004-735260	20040528
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
BR 2004010995	A	20060704	BR 2004-10995	20040528
CN 1812966	A	20060802	CN 2004-80018297	20040528
JP 2006526600	T	20061124	JP 2006-508378	20040528
MX 2005PA13039	A	20060302	MX 2005-PA13039	20051202
IN 2005CN3254	A	20070608	IN 2005-CN3254	20051205
US 2007042996	A1	20070222	US 2006-558116	20060807
PRIORITY APPLN. INFO.:			GB 2003-12863	A 20030604
			WO 2004-GB2294	W 20040528

OTHER SOURCE(S): MARPAT 142:55899  
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L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

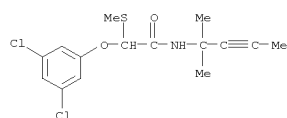


AB The invention relates to a preparation of [(hetero)aryloxy]acetic acid N-alkynyl-amide derivs. of formula I [wherein: A1, A2, and A3 are independently selected from H, halogen, (halo)alkyl, (halo)alkenyl, or alkoxy, etc.; R1 is Me or Et; R2 is H, alkyl, alkoxyethyl, or benzyloxyethyl, etc.; R3 and R4 are independently selected from H, alk(en)ynyl, or together with the carbon atom to which they are attached may form 3-4-membered (hetero)cyclic ring, etc.; R5 is H, (cyclo)alkyl, Ph, or thienyl, etc.; X is S(O)0-2], useful as agrochem. fungicides. For instance, phenoxy(methylthio)acetamide derivative II was prepared via amidation of 2-methylthio-2-(3,5-dichlorophenoxy)acetic acid by 4-amino-4-methylpent-2-yne hydrochloride. The prepared compound II gave at least 60% control of the following fungal infection at 200 ppm: plasmopora viticola, phytophthora infestans, and erysiphe graminis f. sp. tritici, etc.

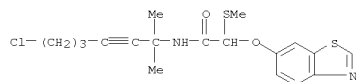
IT 808754-95-2P 808754-99-6P 808755-01-3P  
808755-05-7P 808755-11-5P 808755-17-1P  
808755-71-7P  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of [(hetero)aryloxy]acetic acid N-alkynyl-amide derivs. useful as fungicides)

RN 808754-95-2 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

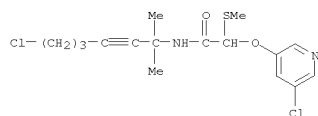
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



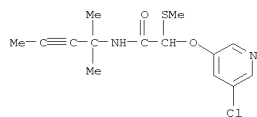
RN 808754-99-6 CAPLUS  
CN Acetamide, 2-(6-benzothiazolyloxy)-N-(6-chloro-1,1-dimethyl-2-hexynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-01-3 CAPLUS  
CN Acetamide, N-(6-chloro-1,1-dimethyl-2-hexynyl)-2-[(5-chloro-3-pyridinyl)oxy]-2-(methylthio)- (9CI) (CA INDEX NAME)

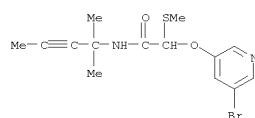


RN 808755-05-7 CAPLUS  
CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

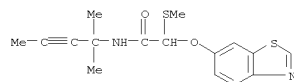


RN 808755-11-5 CAPLUS  
CN Acetamide, 2-[(5-bromo-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

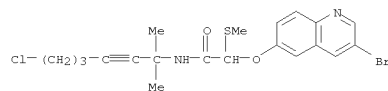
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808755-17-1 CAPLUS  
CN Acetamide, 2-(6-benzothiazolyloxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-71-7 CAPLUS  
CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-(6-chloro-1,1-dimethyl-2-hexynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



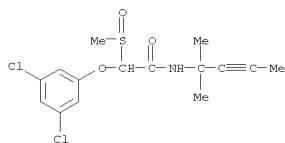
IT 808755-02-4P 808755-03-5P 808755-04-6P  
808755-08-0P 808755-09-1P 808755-10-4P  
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808756-07-2P 808756-08-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

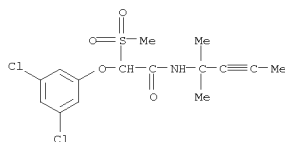
03/25/2008

10-536,461.trn

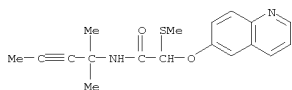
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
 (Uses)  
 (prepn. of [(hetero)aryloxy]acetic acid N-alkynyl-amide derivs. useful  
 as fungicides)  
 RN 808755-02-4 CAPLUS  
 CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(  
 methylsulfinyl)- (9CI) (CA INDEX NAME)



RN 808755-03-5 CAPLUS  
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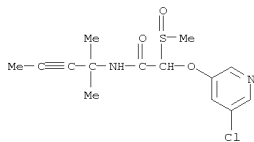


RN 808755-04-6 CAPLUS  
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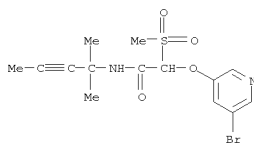


RN 808755-08-0 CAPLUS  
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 butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

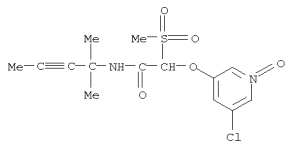
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808755-15-9 CAPLUS  
 CN Acetamide, 2-[(5-bromo-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(  
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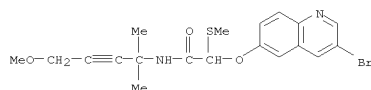


RN 808755-16-0 CAPLUS  
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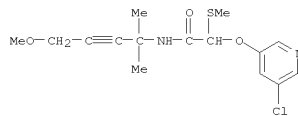


RN 808755-19-3 CAPLUS  
 CN Acetamide, 2-(6-benzothiazolyloxy)-N-(1,1-dimethyl-2-butynyl)-2-(  
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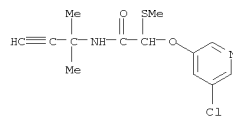
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808755-09-1 CAPLUS  
 CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(4-methoxy-1,1-dimethyl-2-  
 butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

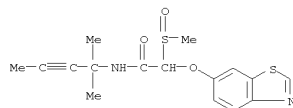


RN 808755-10-4 CAPLUS  
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 methylthio)- (9CI) (CA INDEX NAME)

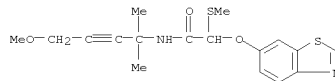


RN 808755-14-8 CAPLUS  
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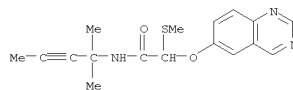
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



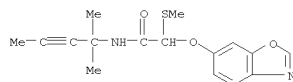
RN 808755-21-7 CAPLUS  
 CN Acetamide,  
 2-(6-benzothiazolyloxy)-N-(4-methoxy-1,1-dimethyl-2-butynyl)-2-(  
 methylthio)- (9CI) (CA INDEX NAME)



RN 808755-25-1 CAPLUS  
 CN Acetamide,  
 N-(1,1-dimethyl-2-butynyl)-2-(methylthio)-2-(6-quinazolinyl-oxy)-  
 (9CI) (CA INDEX NAME)



RN 808755-35-3 CAPLUS  
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 2-(6-benzoxazolyl-oxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)-  
 (9CI) (CA INDEX NAME)



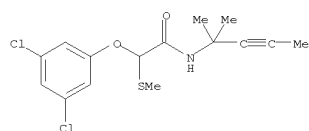
RN 808755-36-4 CAPLUS  
 CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(  
 methylthio)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

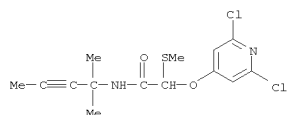
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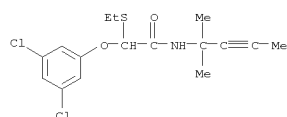
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808755-38-6 CAPLUS  
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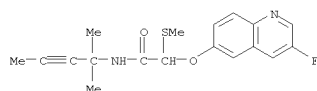


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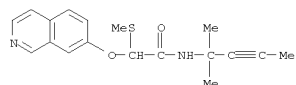


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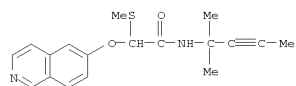
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



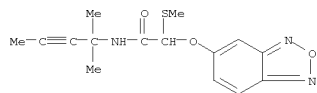
RN 808755-56-8 CAPLUS  
 CN Acetamide, N-(1,1-dimethyl-2-butynyl)-2-(7-isoquinolinyl)oxy)-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-59-1 CAPLUS  
 CN Acetamide, N-(1,1-dimethyl-2-butynyl)-2-(6-isoquinolinyl)oxy)-2-(methylthio)- (9CI) (CA INDEX NAME)

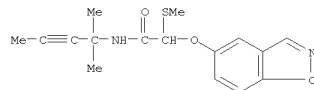


RN 808755-63-7 CAPLUS  
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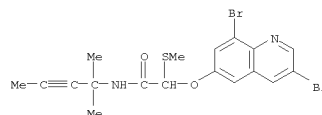


RN 808755-66-0 CAPLUS  
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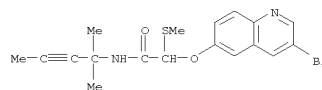
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



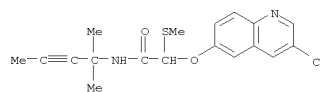
RN 808755-46-6 CAPLUS  
 CN Acetamide,  
 2-[(3,8-dibromo-6-quinolinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-49-9 CAPLUS  
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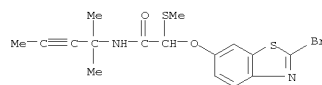


RN 808755-51-3 CAPLUS  
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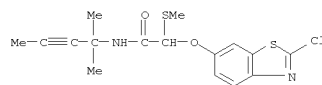


RN 808755-52-4 CAPLUS  
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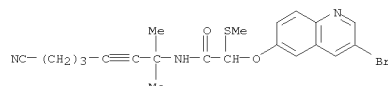
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



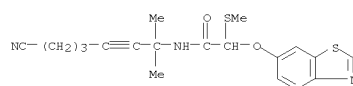
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 CN Acetamide,  
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RN 808755-72-8 CAPLUS  
 CN Acetamide, 2-[(3-bromo-6-quinolinyl)oxy]-N-(6-cyano-1,1-dimethyl-2-hexynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-73-9 CAPLUS  
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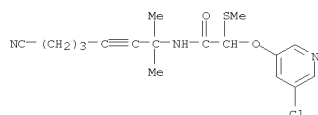


RN 808755-74-0 CAPLUS  
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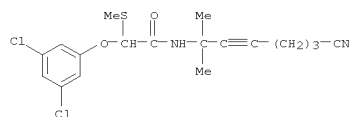
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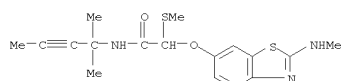
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



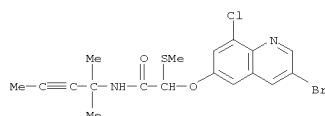
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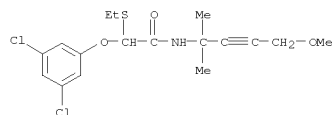
RN 808755-78-4 CAPLUS  
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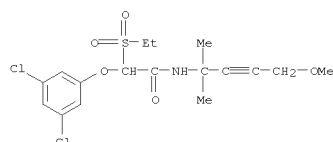
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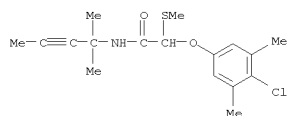
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



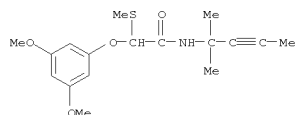
RN 808755-92-2 CAPLUS  
 CN Acetamide, 2-[(3,5-dichlorophenoxy)-2-(ethylsulfonyl)-N-(4-methoxy-1,1-dimethyl-2-butynyl)]- (9CI) (CA INDEX NAME)



RN 808755-93-3 CAPLUS  
 CN Acetamide, 2-(4-chloro-3,5-dimethylphenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

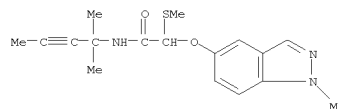


RN 808755-94-4 CAPLUS  
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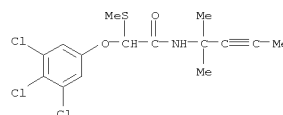


L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

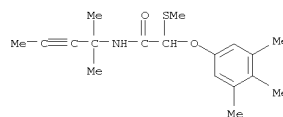
RN 808755-86-4 CAPLUS  
 CN Acetamide, N-(1,1-dimethyl-2-butynyl)-2-[(1-methyl-1H-indazol-5-yl)oxy]-2-(methylthio)- (9CI) (CA INDEX NAME)



RN 808755-89-7 CAPLUS  
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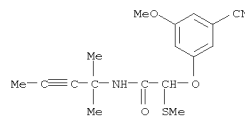
RN 808755-90-0 CAPLUS  
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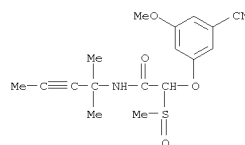
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L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

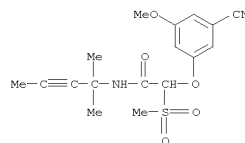
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RN 808755-96-6 CAPLUS  
 CN Acetamide, 2-(3-cyano-5-methoxyphenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylsulfinyl)- (9CI) (CA INDEX NAME)



RN 808755-97-7 CAPLUS  
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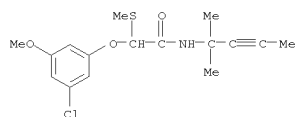


RN 808755-98-8 CAPLUS  
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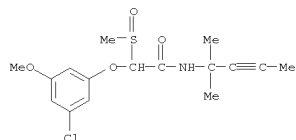
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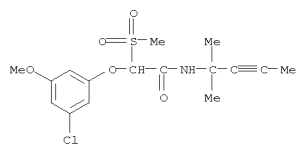
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808755-99-9 CAPLUS  
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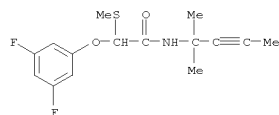


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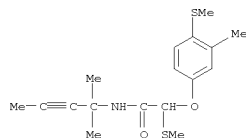


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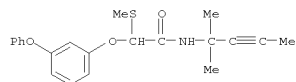
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 808756-06-1 CAPLUS  
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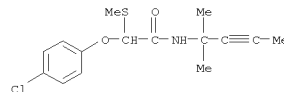
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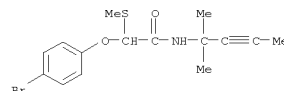
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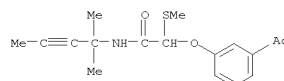
L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



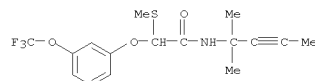
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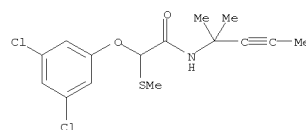


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RN 808756-05-0 CAPLUS  
 CN Acetamide, 2-(3,5-difluorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-(methylthio)- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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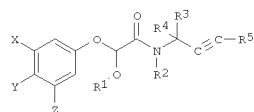
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L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:513446 CAPLUS  
DOCUMENT NUMBER: 141:49003  
TITLE: Preparation of (phenoxy)alkynylacetamide derivative fungicides  
INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger  
PATENT ASSIGNEE(S): Syngenta Limited, UK  
SOURCE: PCT Int. Appl., 60 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

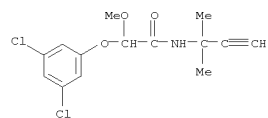
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EP 1567006	A1	20050831	EP 2003-758365	20031027
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MX 2005PA05450	A	20050826	MX 2005-PA5450	20050520
US 2006217346	A1	20060928	US 2005-536518	20050525
PRIORITY APPLN. INFO.:			GB 2002-27557	A 20021126
			WO 2003-GB4612	W 20031027

OTHER SOURCE(S): MARPAT 141:49003  
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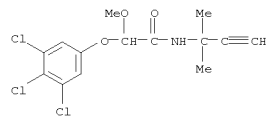
L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



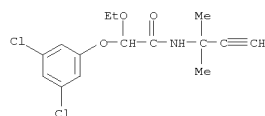
AB The (phenoxy)alkynylacetamide derivs. I [X,Y,Z = H, halo, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)alkoxy, etc.; R1 =alkyl; R2 = H, alkyl or (alkoxy)benzyloxymethyl; R3,R4 = H, alkyl, alkenyl or alkynyl; R3CR4 = carbocyclyl or heterocyclyl; R5 = (un)substituted Ph, thienyl or benzyl] are prepared as fungicides.  
IT 65807-96-7P 65808-01-7P 65808-02-8P 706790-26-3P 706790-30-9P 706790-31-0P 706790-32-1P 706790-33-2P 706790-34-3P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation as fungicide)  
RN 65807-96-7 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy- (9CI) (CA INDEX NAME)



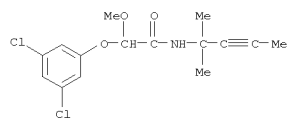
RN 65808-01-7 CAPLUS  
CN Acetamide, N-(1,1-dimethyl-2-propynyl)-2-methoxy-2-(3,4,5-trichlorophenoxy)- (9CI) (CA INDEX NAME)



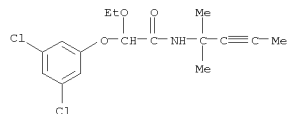
L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
RN 65808-02-8 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-ethoxy- (9CI) (CA INDEX NAME)



RN 706790-26-3 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-methoxy- (9CI) (CA INDEX NAME)

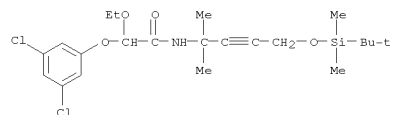


RN 706790-30-9 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-butynyl)-2-ethoxy- (9CI) (CA INDEX NAME)

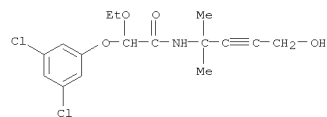


RN 706790-31-0 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-N-[4-[[[1,1-dimethylethyl]dimethylsilyl]oxy]-1,1-dimethyl-2-butynyl]-2-ethoxy- (9CI) (CA INDEX NAME)

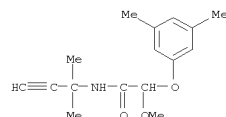
L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



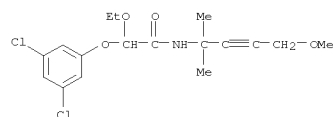
RN 706790-32-1 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-2-ethoxy-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



RN 706790-33-2 CAPLUS  
CN Acetamide, 2-(3,5-dimethylphenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy- (9CI) (CA INDEX NAME)



RN 706790-34-3 CAPLUS  
CN Acetamide, 2-(3,5-dichlorophenoxy)-2-ethoxy-N-(4-methoxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



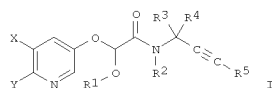
03/25/2008

10-536,461.trn

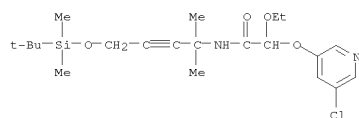
L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:467864 CAPLUS  
DOCUMENT NUMBER: 141:38533  
TITLE: Preparation of substituted pyridyloxyalkylamides as fungicides  
INVENTOR(S): Crowley, Patrick Jelf  
PATENT ASSIGNEE(S): Syngenta Limited, UK  
SOURCE: PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004048337	A1	20040610	WO 2003-GB4547	20031023
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2502156	A1	20040610	CA 2003-2502156	20031023
AU 2003274351	A1	20040618	AU 2003-274351	20031023
EP 1567499	A1	20050831	EP 2003-758336	20031023
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003016529	A	20051004	BR 2003-16529	20031023
CN 1714080	A	20051228	CN 2003-80103625	20031023
JP 2006515285	T	20060525	JP 2004-554635	20031023
MX 2005PA05452	A	20050826	MX 2005-PA5452	20050520
US 2006148859	A1	20060706	US 2005-536461	20050525
PRIORITY APPLN. INFO.:			GB 2002-27554	A 20021126
			WO 2003-GB4547	W 20031023

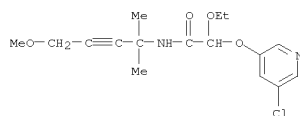
OTHER SOURCE(S): MARPAT 141:38533  
GI



L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 701914-37-6 CAPLUS  
CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-methoxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The title compds. [I; X, Y = halo, alkyl, haloalkyl, etc.; R1 = alkyl; R2 = H, alkyl, alkoxyethyl, benzyloxyethyl in which the Ph ring is optionally substituted with alkoxy; R3, R4 = H, alkyl, alkenyl, alkynyl; CR3R4 = (un)substituted 3-4 membered carbocyclic ring optionally containing one O, S or N atom; R5 = H, (un)substituted alkyl, cycloalkyl, Ph, CH2Ph; with provisos], were prepared E.g., a 3-step synthesis of I [X = Cl; Y = H; R1 = Et; R2 = H; R3-R5 = Me], starting from 5-chloropyridin-3-ol and Et 2-chloro-2-ethoxyacetate, was given. The latter showed greater than 60% control of Plasmopara viticola Phytophthora infestans, and Erysiphe graminis f.sp hordei.

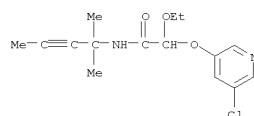
IT 701914-34-3P 701914-35-4P 701914-36-5P 701914-37-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

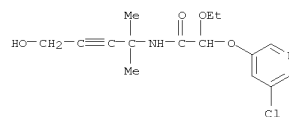
USES (Uses) (preparation of substituted pyridyloxyalkylamides as fungicides)

RN 701914-34-3 CAPLUS

CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-(1,1-dimethyl-2-butynyl)-2-ethoxy- (9CI) (CA INDEX NAME)



RN 701914-35-4 CAPLUS  
CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-2-ethoxy-N-(4-hydroxy-1,1-dimethyl-2-butynyl)- (9CI) (CA INDEX NAME)



RN 701914-36-5 CAPLUS  
CN Acetamide, 2-[(5-chloro-3-pyridinyl)oxy]-N-[4-[[[1,1-dimethylethyl]dimethylsilyl]oxy]-1,1-dimethyl-2-butynyl]-2-ethoxy- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:467671 CAPLUS  
DOCUMENT NUMBER: 141:2846  
TITLE: Preparation of quinoline-, isoquinoline-, and quinazolinooxyalkylamides as fungicides  
INVENTOR(S): Crowley, Patrick Jelf; Salmon, Roger  
PATENT ASSIGNEE(S): Syngenta Limited, UK  
SOURCE: PCT Int. Appl., 73 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004047538	A1	20040610	WO 2003-GB4631	20031027
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2502183	A1	20040610	CA 2003-2502183	20031027
AU 2003276400	A1	20040618	AU 2003-276400	20031027
EP 1567010	A1	20050831	EP 2003-811792	20031027
EP 1567010	B1	20071024		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003016496	A	20051011	BR 2003-16496	20031027
CN 1717175	A	20060104	CN 2003-80104073	20031027
JP 2006507339	T	20060302	JP 2004-554637	20031027
AT 376357	T	20071115	AT 2003-811792	20031027
ZA 2005002930	A	20060222	ZA 2005-2930	20050411
MX 2005PA05453	A	20050826	MX 2005-PA5453	20050520
US 2006019973	A1	20060126	US 2005-536475	20050525
US 7122672	B2	20061017		
US 2007072884	A1	20070329	US 2006-539341	20061006
PRIORITY APPLN. INFO.:			GB 2002-27555	A 20021126
			WO 2003-GB4631	W 20031027
			US 2005-536475	A1 20050525

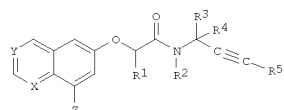
OTHER SOURCE(S): MARPAT 141:2846  
GI



03/25/2008

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L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



I

AB The title compds. I [one of X and Y is N or N oxide and the other is CR or

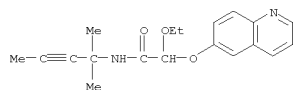
both of X and Y are N; Z = H, halo, (halo)alkyl, etc.; R1 = (un)substituted alkyl, alkenyl, alkynyl, etc.; R2 = H, alkyl, alkoxymethyl or (phenyl)benzyloxymethyl; R3,R4 = H alkyl, alkenyl or alkynyl; R3R4 = (un)substituted carbocyclyl, optionally containing O, S or N heteroatoms; R5 = H, (un)substituted (cyclo)alkyl, etc.] are prepared as fungicides.

IT 696610-37-4P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation as fungicide)

RN 696610-37-4 CAPLUS

CN Acetamide, N-(1,1-dimethyl-2-butenyl)-2-ethoxy-2-(6-quinolinyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

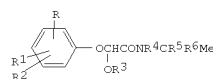
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L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN

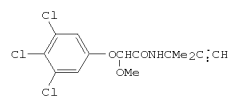
ACCESSION NUMBER: 1978:104949 CAPLUS  
DOCUMENT NUMBER: 88:104949  
ORIGINAL REFERENCE NO.: 88:16449a,16452a  
TITLE: Substituted-N-(1,1-disubstituted ethyl)-α-(substituted phenoxy)-α-alkoxyacetamides and their use as miticides  
INVENTOR(S): Baker, Don R.; Walker, Francis H.  
PATENT ASSIGNEE(S): Stauffer Chemical Co., USA  
SOURCE: U.S., 5 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4062977	A	19771213	US 1976-705504	19760715
PRIORITY APPLN. INFO.:			US 1975-591729	A1 19750630

GI



I



II

AB I (R = Cl, F, or CF3; R1 and R2 are H, Cl, or Me; R3 = Me or Et; R4 and R5

are H or Me and R6 = Me or HC.tplbond.C) were prepared and tested as miticides. Thus, 3,4,5-Cl3C6H2OH and NaH were treated with MeOCHBrCO2Me, the product saponified, converted into the Na salt, and treated with ClCOCOCl, and the acid chloride treated with H2NCOMe2C.tplbond.CH to give II.

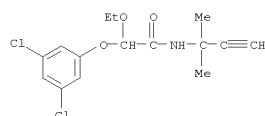
IT 65808-02-8

RL: RCT (Reactant); RACT (Reactant or reagent) (miticidal activity of)

RN 65808-02-8 CAPLUS

CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-ethoxy- (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

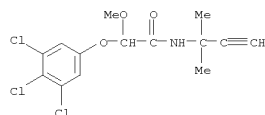


IT 65808-01-7P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and miticidal activity of)

RN 65808-01-7 CAPLUS

CN Acetamide, N-(1,1-dimethyl-2-propynyl)-2-methoxy-2-(3,4,5-trichlorophenoxy)- (9CI) (CA INDEX NAME)

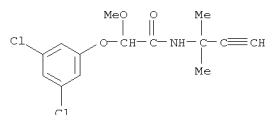


IT 65807-96-7P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

RN 65807-96-7 CAPLUS

CN Acetamide, 2-(3,5-dichlorophenoxy)-N-(1,1-dimethyl-2-propynyl)-2-methoxy- (9CI) (CA INDEX NAME)



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FULL ESTIMATED COST	62.01	241.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-7.20	-7.20

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